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Scientific and Technical Information Center

Access DB#

09/600,392
ATTACH To
Paper #11

Requester's Full Name: _____ Examiner #: _____ Date: _____
Art Unit: _____ Phone Number 301-_____ Serial Number: _____
Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

[Faint handwritten notes and signatures]

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	Type of Search	Vendors and cost where applicable
Searcher: _____	NA Sequence (#) _____	STN _____
Searcher Phone #: _____	AA Sequence (#) _____	Dialog _____
Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: _____	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____

ATTORNEY/AGENT INFORMATION:
NAME: MATTHEWSON, CHARLES R
REGISTRATION NUMBER: 30,660
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847-473-6693
TELEFAX: 847-473-6933
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 624 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..624
US-08-392-771-5

Query Match 85.3%; Score 580; DB 2; Length 624;
Best Local Similarity 98.1%; Pred. No. 1.4e-168;
Matches 612; Conservative 0; Mismatches 0; Indels 12; Gaps 2;

QY 7 ttaagaccacattcaattaaagttgtttcttaalcgcgataatgaatcaagaagcc 66
DB 624 TTAAGACCACCTTCACTTAAGTTGTTTCTAATCCGATATGATCAATTCAGGCC 565

QY 67 gaataagaagctgctgcacaccttggtgataaataatcagatagcttgcgataa 126
DB 564 GAATAAGAAAGCTGCTGCACCTTGTGATCAAAATATCGATAGCTTGCATAATA 505

QY 127 tggcgacatactcagtagtagtggtttcccttctctccttaagcagatattctctg 186
DB 504 TGGCGGCTACTATCAGTAGTAGTGTTCCTTCTTCTTAGGAGCTTATGCTCTTG 445

QY 187 atcttccatacgaacacataaagtaaaatgcccacagcgtgagtgataatgcat 246
DB 444 ATCTTCCATACGCAACTTAAGTAAGTAAGTCCACAGCGCTGATGATTAATGCA 385

QY 247 ctctca--gaaaacacctgtgcatataaagcctaattgattcttcgaaagttcactg 304
DB 384 CTCTAGTGAATAACCTGTGTGCAATAAAGGCTAATTGATTTTCGAGAGTTTCATCTG 325

QY 305 tttcttctgtagcg-----tgtaactttgtctcgcacgcagcagcagcagcagc 354
DB 324 TTTTCTGTAGCGCGGTGACCTAATATGACTTTTCTGCTCATCGCATACTAGTAAGC 265

QY 355 acatctaaacattttagcgtatatacgtataaataatctgccaagcttccctctaaag 414
DB 264 ACATCTAAACTTTAGGTTATTAACGTAAATAATCTTGCCAGCTTCCCTTCTAAAG 205

QY 415 gcaaaagtgaatggtggtcctacatacctcaatgagcctgaagcgttcgaaagcccg 474
DB 204 GCAAAAGTGAATGTTGCTCTATCTACATCTCAATGCTTAAGCGCTGAGCAAGCCG 145

QY 475 ctatttttttcaacgaataaataatgtagtctgtcttaacactagcttcttgaggagtt 534
DB 144 CTTATTTTTCATGACCAATATGATGAGCTGCTTACACTAGCTTCTGCGAGGTTT 85

QY 535 acgggtgttlaaaccttcgattcgcagcattaaagcagcctaaatgcgtcgttaatac 594
DB 84 ACGGTTGTAAACCTTCGATTCCGACCTCATTAAGCAGCTTAATGGCTGTTAATAC 25

QY 595 tttaacttcaataactagacat 618
DB 24 TTACTTTTATCTAATCTAGACAT 1

APPLICANT: Gossen, Manfred
APPLICANT: Bujard, Hermann
TITLE OF INVENTION: Tight Control of Gene Expression in
TITLE OF INVENTION: Eucaryotic Cells by Tetraacycline-responsive Promoter:
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: District of Columbia
COUNTRY: United States of America
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/076,726
FILING DATE: 14-JUN-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0942, 2490001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)371-2600
TELEFAX: (202)371-2540
TELEX: 248636 SSK
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 894 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: both
FEATURE:
NAME/KEY: CDS
LOCATION: 1..891
US-08-076-726-10

Query Match 85.1%; Score 578.6; DB 1; Length 894;
Best Local Similarity 97.5%; Pred. No. 4.3e-168;
Matches 613; Conservative 0; Mismatches 4; Indels 12; Gaps 2

QY 2 gatccctaaagaccacattcaatgaatgttttcttaalcgcgataatgaatcaatca 61
DB 629 GATGATGACAGCCACCTTTCACATTAAGTTGTTTCTAATCCGATATGATCAATTC 570

QY 62 aggcggataaagaagctgctgcacacctgtgtagatcaataatcagatagctgtcgt 121
DB 569 AGGCCGATAAGAGGCTGCTGCACCTTGATCAATAATGATGATGATGCTTGTCT 510

QY 122 aataatgacacatactcagtagtagtcttcccttctcttcttcttcttcttcttctg 181
DB 509 AATAATGCGGCAATGATGATGATGATGATGATGATGATGATGATGATGATGATG 450

QY 182 tcttgatcttcaatacgaacacctaaglaaataatgcccacagcgtgagtgataat 241
DB 449 TCTTGATCTTCCATATGCAACCTTAAGTAAGTAAGTAAGTAAGTAAGTAAGTAAG 390

QY 242 gcatctctca--gaaaacacctgtgcatataaagcctaattgattcttgagaagttca 299
DB 389 GCATCTCTAGTGAATAACCTGTGTGCAATAAAGGCTAATTGATTTTCGAGAGTTTCA 330

QY 300 taactgttcttctgtagcg-----tgtaactttgtctcgcacgcagcagcagcagc 349
DB 329 TACTGTCTTCTGAGCGCGGTGACCTAATATGATGATGATGATGATGATGATGATG 270

QY 350 aaagcacatcaaaacattttagcgtataatcgtataaataatcttgcagcattcccttct 409
DB 269 AAAGCACATCAAAACCTTTAGCGTTATTAAGTAAATAATCTTCCAGCTTCCCTTCT 210

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OY 410 aaaggcaaaagtagtattgltccatctcaatctcaatgagcgtcgaagcaaa 469
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DB 209 AAAGGCAAAAGTAGTATGTCGCCATCTCAATCTCAATGAGCGCTGAGACAAA 150
OY 470 gccgcctattttacatgccaataatgtagctgctctacacctagcttcggcg 529
    |||||||
DB 149 GCCCGCTATTATTTTACATGCCAATAATGTAGGCTGCTACACCTTAGCTTGGCG 90
OY 530 agttacgggttgtaaccttcgattccgacctcaatgaagccttaagtgcgttca 589
    |||||||
DB 89 AGTTACGGGTTGTTAAACCTTGATTCGACCTCATTAAGCAGCTCTAATGGCTGTTA 30
OY 590 atcaacttaacttatactaatcagaacat 618
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DB 29 ATCAGTTACTTTTATCTAATCTAGACAT 1

RESULT 6
US-08-260-452-3/C
; Sequence 3, Application US/08260452
; Patent No. 5650298
; GENERAL INFORMATION:
; APPLICANT: Gossen, Manfred
; APPLICANT: Bujard, Hermann
; APPLICANT: Salfield, Jochem
; APPLICANT: Voss, Jeffrey
; TITLE OF INVENTION: Tight Control of Gene Expression in Eucaryotic
; TITLE OF INVENTION: Cells by Tetracycline-responsive Promoters
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lahive & Cockfield
; STREET: 60 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/260,452
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/076,327
; ATTORNEY/AGENT INFORMATION:
; NAME: Giulio A. DeConti, Jr.
; REGISTRATION NUMBER: 31,503
; REFERENCE/DOCKET INFORMATION: BBI-013CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 894 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Herpes Simplex Virus
; STRAIN: K12, KOS
; INDIVIDUAL ISOLATE: T1AS transactivator
; FEATURE:
; NAME/KEY: exon
; LOCATION: 1..894
; FEATURE:
; NAME/KEY: mRNA
; LOCATION: 1..894
; FEATURE:
; NAME/KEY: misc. binding

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; LOCATION: 1..207
; FEATURE:
; NAME/KEY: misc. binding
; LOCATION: 208..297
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..891
US-08-260-452-3

Query Match      85.1%; Score 578.6; Length 894;
Best Local Similarity 97.5%; Pred. No. 43e-168;
Matches 613; Conservative 0; Mismatches 4; Indels 12; Gaps

OY 2 gatccctaagaccacttccactttaagtgttttctcaatccgatatgacatcca 61
    |||
DB 629 GATGATCAGACCCACTTTCACATTAAGTGTCTTCAATCCGATATGATCAATTCA 570
OY 62 aggcgaataaagaaggctgctgcacccttggtgataaataatccgaatgttgt 121
    |||||||
DB 569 AGCGCAATATAGAGGCTGCTGTCACCTTGATGATCAATATTCGATAGCTTGCT 510
OY 122 aataatgagcgcatactatcagtagtagtltcccttcttcttaagcagactgatc 181
    |||||||
DB 509 AATAATGGCGGCACTACTATACAGTAGAGGTTCCTTCTTCTTAGGACTTGATGC 450
OY 182 tcttgatcttccaatcgcaaccttaagaataatgcgccacagcgctgagtcataat 241
    |||||||
DB 449 TCTTGATCTTCCCAATACGCAACCTTAAGTAAATGCCACAGCGCTGATGATTAAT 390
OY 242 gcatctctca--gaaaacctggtgcaataaaggcctaattgatttcgagaattca 299
    |||||||
DB 389 GCATCTCTAGTGAATAAACCTTGTTGGCATAAAGGCTAATTGATTTCGAGATTTC 330
OY 300 tactgttttctgtaggcg-----tgactttgtccatcgcagatgaacttagt 349
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DB 329 TACTGTTTTCCTAGCCGCGTGTACTAATGACTTTTGCTTCATCGGATGACTTAGT 270
OY 350 aaagcacatcctaaactttagcgcttatactgaataaacttcgcagcttcccttct 409
    |||||||
DB 269 AAAGCACATCTAAACCTTTAGGCTTATTAACCTTAATAAATCTTGCCAGCTTCCCTTCT 210
OY 410 aaaggcaaaagtagtattgltccatctcaatctcaatgagcgtcgaagcaaa 469
    |||||||
DB 209 AAAGGCAAAAGTAGTATGTCGCCATCTCAATCTCAATGAGCGCTGAGACAAA 150
OY 470 gccgcctattttacatgccaataatgtagctgctctacacctagcttcggcg 529
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DB 149 GCCCGCTATTATTTTACATGCCAATAATGTAGGCTGCTACACCTTAGCTTGGCG 90
OY 530 agttacgggttgtaaccttcgattccgacctcaatgaagccttaagtgcgttca 589
    |||||||
DB 89 AGTTACGGGTTGTTAAACCTTGATTCGACCTCATTAAGCAGCTCTAATGGCTGTTA 30
OY 590 atcaacttaacttatactaatcagaacat 618
    |||||||
DB 29 ATCAGTTACTTTTATCTAATCTAGACAT 1

RESULT 7
US-08-481-970-3/C
; Sequence 3, Application US/08481970
; Patent No. 5659310
; GENERAL INFORMATION:
; APPLICANT: Gossen, Manfred
; APPLICANT: Bujard, Hermann
; APPLICANT: Salfield, Jochem
; APPLICANT: Voss, Jeffrey
; TITLE OF INVENTION: Animal Transgenic for a Tetracycline-Controlled
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lahive & Cockfield
; STREET: 60 State Street, Suite 510

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? CITY: Boston
? STATE: Massachusetts
? COUNTRY: USA
? ZIP: 02109-1875
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: ASCII text
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/481,970
? FILING DATE:
? CLASSIFICATION: 800
? PRIORITY APPLICATION DATA:
? APPLICATION NUMBER: 08/260,452
? FILING DATE: 14-JUN-1994
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: 08/076,327
? FILING DATE: 14-JUN-1993
? ATTORNEY/AGENT INFORMATION:
? NAME: Giulio A. DeConti, Jr.
? REGISTRATION NUMBER: 31,503
? REFERENCE/DOCKET NUMBER: BBI-013CP2
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (617) 227-7400
? TELEFAX: (617) 227-5941
? INFORMATION FOR SEQ. ID NO.: 3:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 894 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: double
? TOPOLOGY: linear
? MOLECULE TYPE: DNA (genomic)
? ORIGINAL SOURCE:
? ORGANISM: Herpes Simplex Virus
? STRAIN: K12, KOS
? INDIVIDUAL ISOLATE: tTAS transactivator
? FEATURE:
? NAME/KEY: exon
? LOCATION: 1..894
? NAME/KEY: mRNA
? LOCATION: 1..894
? FEATURE:
? NAME/KEY: misc. binding
? LOCATION: 1..207
? FEATURE:
? NAME/KEY: misc. binding
? LOCATION: 208..297
? FEATURE:
? NAME/KEY: CDS
? LOCATION: 1..891
? US-08-481-970-3

Query Match      85.1%  Score 578.6:  DB 2:  Length 894:
Best Local Similarity 97.5%:  Pred. No. 4,3e-168:
Matches 613:  Conservative 0:  Mismatches 4:  Indels 12:  Gaps 2:
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DB 449 TCTTGATCTTCCAATACGACNAACCTAAAGTAAATGCCCCACAGCGCTGAGTCATATAAT 390
QY 242 gcatctctcga-gaaaaacctgtgtgcaataaaaaagcgaatgatcttcgaagttca 299
DB 389 GCATCTCTAGTAAAGAAACCTGTGTGGCATAAAAAGCCTAATTGATTTCGAGAGTTTCA 330
QY 300 tactgtttctctgaagccg-----tgfaccttgctccatcgagatgaagt 349
DB 329 TACTGTTTTTCTGTAGCGCGGTGACCTAAATGTAATTTGCTTCATGCGATACCTTAGT 270
QY 350 aaagcacatctaaacctttagcgttatctacgtaaaagcttgccagcttcccttc 409
DB 269 AAAGCAGATCTAAACTTTAGCGTTATACGTAATAAAAAAATCTGCCAGCTTCCCTCTCT 210
QY 410 aaaaagcaaaagtgaatagtgctcttaatacatctcaatgagctaaagcgtcgaacaa 469
DB 209 AAAGGCAAAAGTACGATAGCTGCTCATCATCATCATCATCATCATCATCATCATCATCAT 150
QY 470 gccgcgttatcttcatatgcataacgaatagtgctgctctacacctaagctctgagcg 529
DB 149 GCCCGCTTATTTTACATGCAATGCAATGAGGCTGCTTACACCTTACCTTCTGGCG 90
QY 530 agttacggtgtttaaaccttcgattccgacctcatlaagcagcctcaatgctgtta 589
DB 89 AGTTACGGGTGTTTAAACCTTCGATTCGACCTCATTTAAGCAGCTCTAATGCGCTGTTA 30
QY 590 atcacttacttlatcctaatctagacat 618
DB 29 ATCATTACTTTATCTAATCTAGACAT 1

RESULT 8
US-08-897-719-3/c
? Sequence 3, Application US/08897719
? Patent No. 5922927
? GENERAL INFORMATION:
? APPLICANT: Gossen, Manfred
? APPLICANT: Bujard, Hermann
? APPLICANT: Salfield, Jochen
? APPLICANT: Voss, Jeffrey
? TITLE OF INVENTION: Tight Control of Gene Expression in Eucaryotic
? TITLE OF INVENTION: Cells by Tetracycline-responsive Promoters
? NUMBER OF SEQUENCES: 10
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Lahive & Cockfield
? STREET: 60 State Street
? CITY: Boston
? STATE: Massachusetts
? COUNTRY: USA
? ZIP: 02109-1875
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: ASCII text
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/897,719
? FILING DATE:
? CLASSIFICATION:
? PRIORITY APPLICATION DATA:
? APPLICATION NUMBER: 08/260,452
? FILING DATE:
? APPLICATION NUMBER: 08/076,327
? FILING DATE: 14-JUN-1993
? ATTORNEY/AGENT INFORMATION:
? NAME: Giulio A. DeConti, Jr.
? REGISTRATION NUMBER: 31,503
? REFERENCE/DOCKET NUMBER: BBI-013CP
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (617) 227-7400
? TELEFAX: (617) 227-5941
? INFORMATION FOR SEQ. ID NO.: 3:
? SEQUENCE CHARACTERISTICS:
```

LENGTH: 894 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: Herpes Simplex Virus
STRAIN: K12, KOS
INDIVIDUAL ISOLATE: tTAS transactivator
FEATURE:
NAME/KEY: exon
LOCATION: 1..894
FEATURE:
NAME/KEY: mRNA
LOCATION: 1..894
FEATURE:
NAME/KEY: misc. binding
LOCATION: 1..207
FEATURE:
NAME/KEY: misc. binding
LOCATION: 208..297
FEATURE:
NAME/KEY: CDS
LOCATION: 1..891
US-08-897-719-3

Query Match 85.1%; Score 578.6; DB 2; Length 894;
Best Local Similarity 97.5%; Pred. No. 4,3e-168;
Matches 613; Conservative 0; Mismatches 4; Indels 12; Gaps 2;

QY 2 gaccccttaagaccaccccttcacatttaagttgttttcttaacgcgacatgatcaattca 61
DB 629 GATGATCGAGACCCACTTCACATTAAAGTTTCTTAATCCCATATGATCAATTTCA 570
QY 62 aggcgcgaataagaagcgcgcctcgcaccttggtgatcaataatcgaatagctgtcgt 121
DB 569 AGCGCGATTAAGAAAGCTGCGCTCCTGACCTTGCTGATCAATAATTCGATAGCTGTCT 510
QY 122 aataatgacgacatactacagtagtaggtttcccttcttcttctttagcgactgtatgc 181
DB 509 AATAATGCGGCATACATCACTAGTAGAGTGTCCCTTCTTCTTAGCGCACTTGATGC 450
QY 182 tcttgatcttcaatacgaacacctaagtaaatgccccacagcgctagtgacataat 241
DB 449 TCTTATCTTCCAAATACCCAACTTAAGTAATAATGCCACAGCGCTGATGATATAT 390
QY 242 gcaatctcta--gaaaaacctgttgacataaaagcctaattgatttctgaagttca 299
DB 389 GCATTCTCTAGGAAAAACCTTTGGCATAAAGGCTAATTGATTTTCGAGATTTC 330
QY 300 tactgtttctctgtagcg-----tgtaactttgtctcatalcgcgatgacttagt 349
DB 329 TACTGTCTTCTGTAGCGCGGTGACTAAATGTACTTTGCTGCATCGGAGATGACT 270
QY 350 aaagcacatcctaaaccttttagcggtattacgtlaaaaaaacttgcagcttccctctc 409
DB 269 AAAGCACATCTTAAACTTTTACGTTATTACGTAAATAAATCTTGCCAGCTTCCCTCT 210
QY 410 aaaggcaaaagtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 469
DB 209 AAAGGCAAAAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 150
QY 470 gcccgctatttcttaccatgccaatacaatgtagctgtctacacctaagcttctggtcg 529
DB 149 GCCCGCTATTATTTTACATGCAATACATGATGAGGCTGCTTACACCTTACGCTTGGGG 90
QY 530 agttaagggtgtgttaaaccttcgattcgcacccaatgaagcagcttcaatgcgtgta 589
DB 89 AGTTTACGGGTGTTAAACCTTCGATTCGACCTCATTAAGCAGCTCTTAATGCGCTTTA 30
QY 590 atcacttacttatactaatctagacat 618
|||||

DB 29 ATCACTTACTTTATCTATCTAGACAT 1

RESULT 9

US-09-163-269-3/c
Sequence 3, Application US/09163269
Patent No. 6252136
GENERAL INFORMATION:
APPLICANT: Gossen, Manfred
APPLICANT: Bujard, Hermann
APPLICANT: Salfield, Jochem
APPLICANT: Voss, Jeffrey
TITLE OF INVENTION: Animal Transgenic for a Tetracycline-Controlled
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lahive & Cockfield
STREET: 60 State Street, Suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/163,269
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/481,970
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/076,327
FILING DATE: 14-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Giulio A. Deconiti, Jr.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: BBI-013CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 894 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: Herpes Simplex Virus
STRAIN: K12, KOS
INDIVIDUAL ISOLATE: tTAS transactivator
FEATURE:
NAME/KEY: exon
LOCATION: 1..894
FEATURE:
NAME/KEY: mRNA
LOCATION: 1..894
FEATURE:
NAME/KEY: misc. binding
LOCATION: 1..207
FEATURE:
NAME/KEY: misc. binding
LOCATION: 208..297
FEATURE:
NAME/KEY: CDS
LOCATION: 1..891
US-09-163-269-3

Query Match 85.1%; Score 578.6; DB 4; Length 894;

Best Local Similarity 97.5%; Pred. No. 4,3e-168;
Matches 613; Conservative 0; Mismatches 4; Indels 12; Gaps 2;

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OY 2 gatccctaaagaccactttccacatttaagtgttttctcaatccgatgatcatca 61
DB 629 GATGAGATCAGACCCACCTTTCACATTAAGTTGTTTCTTAATCCGATGATCAATTC 570
OY 62 aggcgaataaagaagctgctcctgacaccttggatgaataatccgaattgagcgt 121
DB 569 AGGCCGATAGAGAGGCTGGCTGACCTGGATGACAAATATTCGATAGAGTTGGCT 510
OY 122 aataatgagcgacatacatagatagatgagtgcttccctctctcttaagagatgagc 181
DB 509 AATAATGGCGGACATACATAGATAGAGTGTTCCCTTTCTTTAGGAGATTGATGC 450
OY 182 tcttgatcttccataacgcaacctaaagtaaaatgccccacagcgatgagatataat 241
DB 449 TCTTGATCTTCCAAATAGCACTAAAGTAATGCCACGCGATGATGATTAAT 390
OY 242 gcatctctca--gaaaaacctgttgacataaaaaagcgaattatcttcgaagttca 299
DB 389 GCATCTCTAGTGAATAAACCTTGTGGCATAAAGGCTAATTGATTTTCGAGAGTTTCA 330
OY 300 tactgtttctctgaagcg-----tgactttgtcccatcgagatagat 349
DB 329 TACTGTTTCTTCTAGGCCCTGACTAAATGACTTTTCTCTCATCGCATACTTACT 270
OY 350 aagaacatctaaaccttttagcgtattacgttaaaaaaatctgacagcttccctctc 409
DB 269 AAGACACATCTAAACTTTTACGCTTATTACGTAAATAAATCTTGCCAGCTTCCCTCT 210
OY 410 aagaagcaaaagatagatagtgctcatctcaaatcgaatgagcgaagcgttcgaagaa 469
DB 209 AAGGGCAAAAGTATGCTGCTTCTTAACATCTCAATGGCTAAGGGGTGACCAAA 150
OY 470 gccgccttatttcaatcagcaataatgtagcgtcctacacatagcttcgtgagc 529
DB 149 GCCCGCTTATTTTACATGCCAATACATAGTACGCTGCTCTACCTAGCTTCTGGCG 90
OY 530 agttacgggttgtaaaccttcgacatccgaacctaaagcagcttaagcgtctgta 589
DB 89 AGTTACGGGTTGTTAACTTCGATTCCGACCTCATTAAGCTCTAATGGCGTGTGA 30
OY 590 atcacttaacttatacatcaatcagat 618
DB 29 ATCATTACTTTATCTAATCTGACAT 1
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RESULT 10
US-08-474-169-5/C

Sequence 5, Application US/08474169
Patent No. 5851796
GENERAL INFORMATION:
APPLICANT: Schatz, David G.
TITLE OF INVENTION: An Autoregulatory Tetracycline-Regulated
TITLE OF INVENTION: System for Inducible Gene Expression in Eucaryotes
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
STREET: 1100 New York Ave. Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,169
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-2600

TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 4455 base pairs

TYPE: nucleic acid

STRANDEDNESS: both

TOPOLOGY: both

MOLECULE TYPE: cDNA

FEATURE:

NAME/KEY: CDS

LOCATION: 774..1778

US-08-474-169-5

Query Match

Best Local Similarity 98.1%; Pred. No. 5,3e-167;

Matches 608; Conservative 0; Mismatches 0; Indels 12; Gaps :

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OY 11 gaccacattcaacatttaagttgttttctcaatccgacatagatcaattcaagccgaat 70
DB 1393 GACCCACTTTCACATTAGTTGTTTCTTAATCCCATATGATCAATTCAGCCGGAAT 1334
OY 71 aagaagcgtgctcctgacaccttgatgataaataatcgaatgctgtgataaagc 130
DB 1333 AAGAAGCTGGCTCTGACCTTGATGATCAATAATTCATAGCTGTCTAATAATGGC 1274
OY 131 gcatatcctcaatagatgagtgcttccctctctctctttagcagcttgagcttgatc 190
DB 1273 GCATATCTATCACTAGTATAGTGTTCCTTTCTTTAGCCACTGATGCTCTTGATCT 1214
OY 191 tccaatcgaacaaactaaagtaaaatgccccacagcgctgagtgacatataatgcatctc 250
DB 1213 TCCAAATGCCCAACTTAAATAATGCCACAGCGCTGAGTGCATATATCATCTCTCT 1154
OY 251 a--gaaaacctgttgagataaaaagcgaatgattttagagagttcatagcttt 308
DB 1153 AGTGAATAAACCCTTGTGGATTAATAAGGCTAATGTGATTTTCAGAGTTCATCTGTTTT 1094
OY 309 tctgtagcg-----tgactttgtctcagcagatgactagtaagacat 358
DB 1093 TCTGTAGGCGCTGTACTAATATGTAATTTTGTGCTCCATGCCATGATTTAGTAAGACAT 1034
OY 359 ctaaaacctttagcgttattacgtlaaaaaatcttgcagccttccctctaaaggcaa 418
DB 1033 CTAAACTTTTACGCTTATTACGTAAATAATCTTGGCAGCTTCCCTCTTAAAGGCAA 974
OY 419 aagtgaatagtgctcctactcaatcctcaatgagcgaagcgtgagagcaaacgcgctta 478
DB 973 AAGTGATGTGTGCTTATCTAATCAATCTCAATGCTTAAGGCGTGAAGCAACCCGCTTAA 914
OY 479 ttttatacagcaataacatgtagcgtcctacacacagcttcctgagcgagttacg 538
DB 913 TTTTATACATGCCAATACATAGTATAGCTTCTTACACCTGCTTGGCGGAGTTTACGG 854
OY 539 gtgttaagcttctgattcgaacctcaatgaagcagcctcaatgagcgtgttaacactta 598
DB 853 GTTGTTAAACCTTCGATTCGACCTCATTAAGCAGCTTAAGCGCTGTATATCACTTTA 794
OY 599 ctttatacctatcagat 618
DB 793 CTTTATCTAATCTAGACAT 774
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RESULT 11

US-09-162-184-36/C

Sequence 36, Application US/09162184A

Patent No. 6136954

GENERAL INFORMATION:

APPLICANT: Bujard, Hermann

Gossen, Manfred

TITLE OF INVENTION: Tetracycline-Inducible Transcriptional

Activator Fusion Proteins

NUMBER OF SEQUENCES: 37
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: LAHIVE & COCKFIELD
 STREET: 28 State Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02109-1875
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: ASCII Text
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/162,184A
 FILING DATE: 28-Sep-1998
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/383,754
 FILING DATE: 03-FEB-1995
 APPLICATION NUMBER: US 08/275,876
 FILING DATE: 15-JULY-1994
 APPLICATION NUMBER: US 08/270,637
 FILING DATE: 01-JULY-1994
 APPLICATION NUMBER: US 08/260,452
 FILING DATE: 14-JUNE-1994
 APPLICATION NUMBER: US 08/076,327
 FILING DATE: 14-JUNE-1993
 APPLICATION NUMBER: US 08/076,726
 FILING DATE: 14-JUNE-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: DeConti, Giulio A. Jr.
 REGISTRATION NUMBER: 31,503
 REFERENCE/DOCKET NUMBER: Brl-009CG6CN
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617)227-7400
 TELEFAX: (617)742-4214
 INFORMATION FOR SEQ ID NO: 36:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 652 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 SEQUENCE DESCRIPTION: SEQ ID NO: 36:
 US-09-162-184-36

Query Match 84.5%; Score 574.8; DB 3; Length 652;
 Best Local Similarity 97.7%; Pred. No. 5.6e-167;
 Matches 608; Conservative 0; Mismatches 2; Indels 12; Gaps 2;

QY 9 aagaccacattcacatttaagtgttttccaatccgatatgatcaataaaggcga 68
 DB 628 AGGACCACTTTCACATTTAAAGTGTGTTTCTAAATCCGATATGATCAATTAAGGCCCA 569
 QY 69 ataagaagctgctgcctgcgacctgtgtgtaacaataatcgaatgcttgcgaataatg 128
 DB 568 ATAAGAAGCTGCTGCTGCACTGTGTGATCAATAATATTCGATAGCTTGTCTAATAAG 509
 QY 129 gcgcatactatcaagtagtagtgttcccttctctttagagaacttgagctcttgat 188
 DB 508 GCGCATACTATCACTAGTAGAGTGTTCCTTCTTCTTACGCACTTGATGCTCTTGAT 449
 QY 189 ctccaataacgaactaaagtaaaatgccccacagcgctgagtgcataatgcatctt 248
 DB 448 CTTCCAAATAGCAACCTAAAGTAAGTAAATGCCACAGCGCTGAGTGCATATAATGCAATCT 389
 QY 249 cta--gaaaaccttggtgcataaaagagctcaattgattcttcgaagagttcaactgtt 306
 DB 388 CTAGTGAATAAACTTGTGTGCAATAAAGGCTAATTTGATTTCGAGAGTTTCATCTGTT 329

QY 307 ttctctagagcgcg-----tgtactttgtccatcgcgcatgactagtaaaagcac 356
 DB 328 TTCTGTGAGCGCGGTAGACTTAATGATATTTTGTGCGCATCGAGTACTAGTAAGCAC 269
 QY 357 atctaaacctttagcgttattcaagtaaaaatcttccagacttccctcttaaaagc 416
 DB 268 ATCTAAACTTTTACCTTATACGTAAATAAATCTTGCACCTTCCCTCTCTAAAGGCG 209
 QY 417 aaaagtgaatgtgtgcctatctaaacatcctaagtgctgaagcgctgcgaagccgct 476
 DB 208 AAAAGTGATAGTGCTATCTTACATCTCAATGCGAAGCGCTGAGCAAGCCGCT 149
 QY 477 tattttaccatgccaatacaatgtaggctgtctctacacacttctcggcgagtttac 536
 DB 148 TATTTTACATGCCAATACAAATAGAGCTGTCTACACCTGTTCTGGCGGAGTTTAC 89
 QY 537 gggctgttaaaccttcgattccgaccttaacgaagcctcaagcgctgttaacact 596
 DB 88 GGGTTGTTAAACCTTCGATTCGACCTCATTAAGCAGCTTAATGCGCTGTTAATCACTT 29
 QY 597 tactttatctaactagacat 618
 DB 28 TACTTTATCTAATCTAGACAT 7
 RESULT 12
 US-09-489-777A-36/c
 Sequence 36, Application US/09489777A
 Patent No. 6271348
 GENERAL INFORMATION:
 APPLICANT: Bujard, Hermann
 Gossen, Manfred
 TITLE OF INVENTION: Tetraacycline-Inducible Transcriptional
 Inhibitor Fusion Proteins
 NUMBER OF SEQUENCES: 37
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: LAHIVE & COCKFIELD
 STREET: 28 State Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02109-1875
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: ASCII Text
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/489,777A
 FILING DATE: 24-Jan-2000
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 09/162,184
 FILING DATE: 28-SEP-1998
 APPLICATION NUMBER: US 08/485,978
 FILING DATE: 07-JUN-1995
 APPLICATION NUMBER: US 08/383,754
 FILING DATE: 03-FEB-1995
 APPLICATION NUMBER: US 08/275,876
 FILING DATE: 15-JULY-1994
 APPLICATION NUMBER: US 08/270,637
 FILING DATE: 01-JULY-1994
 APPLICATION NUMBER: US 08/260,452
 FILING DATE: 14-JUNE-1993
 APPLICATION NUMBER: US 08/076,726
 FILING DATE: 14-JUNE-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: DeConti, Giulio A. Jr.
 REGISTRATION NUMBER: 31,503
 REFERENCE/DOCKET NUMBER: Brl-009CG6CNDV
 TELECOMMUNICATION INFORMATION:


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GENERAL INFORMATION:
APPLICANT: Bujard, Hermann
APPLICANT: Gossen, Manfred
TITLE OF INVENTION: Methods for Regulating Gene Expression
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, Suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,978
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/383,754
FILING DATE: 03-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/275,876
FILING DATE: 15-JULY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/270,637
FILING DATE: 01-JULY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/260,452
FILING DATE: 14-JUNE-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/076,327
FILING DATE: 14-JUNE-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/076,726
FILING DATE: 14-JUNE-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: DeConti, Giulio A. Jr.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: BBI-009CP6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 621 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-485-978-16

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Query Match      84.5%; Score 574.4; DB 1; Length 621;
Best Local Similarity 97.9%; Pred. No. 7.2e-167;
Matches 607; Conservative 0; Mismatches 1; Indels 12; Gaps 2;

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QY 11 gaccacattcacatttaagtgttttcttaacccgcatatgcatcaatcaaggccgcat 70
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DB 620 GACCACATTTCACATTTAAGTTGTTTCTTAATCCGCAATGATGATCAATCAAGCGCAAT 561
    |||||||
QY 71 aagaagctgagctctgcaaccttgatgacaaataatcgatagctgtgcgtataatgac 130
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DB 560 AAGAAGCTGAGCTCTGCACCTTGATGATCAATATGATGATGATGATGATGATGATGATGAT 501
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QY 131 ggcatactatcagtagtaggtgttcccttcttcttagcgagcttgatgctctgacct 190
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DB 500 GGCATACATACATAGTAGGTGTTTCCCTTCTTCTTAGCGAGCTTGATGCTCTGATCT 441
    |||||||
QY 191 tccaatagcgaaccttaagaataatcccccagcgcgtagtgcatataatgatctctc 250
    |||||||
DB 440 TCCAAATAGCGAACCTTAAGTAAGTAATGCCACGCCCTGAGTGCATTAATGCAATTCCTCT 381
    |||||||
QY 251 a--gaaaaccttgcttgacataaaagactaattgatttgagagttcatactgttt 308
    |||||||
DB 380 AGTGAAAAACCTTGTTGGCATTAAGGCTAATTGATTTTCAGAGTTTCATATCTTTT 321
    |||||||
QY 309 tctgtatgagcgt-----tgtactttgtccatcgcgatgacttagtaagcacat 358
    |||||||
DB 320 TCTGTAGGCCGTGTACCTTAAGTGTACTTTTGCTCCATCGGATGACTTAGTAAGCACAT 261
    |||||||
QY 359 ctaaaactttaagcgttatcagtaaaatcttgccacgttccctcttaaggacaa 418
    |||||||
DB 260 CTAAACCTTTAAGCTTATTACGTAAATAATCTTGCCACGCTTCCCTTCTTAAGGCGAA 201
    |||||||
QY 419 aagtgagtagtggtgacctataacatcgaatggtcgaagcgtcgaagcccgctta 478
    |||||||
DB 200 AAGTGAGTAGTGGTGCTATCTTAACATCTCAATGGCTAAGGCGTCAAGCAAGCCGCTTA 141
    |||||||
QY 479 tttttacatgcccaataacaaatgtaggcgtctcaacactagcttctggcgagttacgg 538
    |||||||
DB 140 TTTTTCATGCGCAATACATGTAGGCTGCTCTACACCTTCTGCGCGGATTTACGG 81
    |||||||
QY 539 gctgttaaaccttgatcgcgaacctcaatgaagcaactgaaggcgtgttaactctta 598
    |||||||
DB 80 GTTGTTAAACCTTGCTGCGACCTCAATTAAGCAGCTTAATGCGCTGTTAATCACTTTTA 21
    |||||||
QY 599 ctttatctaatctagacat 618
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DB 20 CTTTATCTAATCTAGACAT 1
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Search completed: March 8, 2002, 13:16:54
Job time: 4596 sec

GenCore version 4.5
Copyright (c) 1993 - 2000 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 8, 2002, 12:00:18 ; Search time 101.7 seconds
(Without alignments)
1369.557 Million cell updates/sec

Title: US-09-600-392-35
Perfect score: 615
Sequence: 1 ggagctcttaagaccactt.....ttactttatctatctaga 615
Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues
Total number of hits satisfying chosen parameters: 702406

Minimum DB seq length: 0
Maximum DB seq length: 200000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents.NA.*
1: /cgn2_6/ptodata/2/ina/5A.COMB.seq.*
2: /cgn2_6/ptodata/2/ina/5B.COMB.seq.*
3: /cgn2_6/ptodata/2/ina/6A.COMB.seq.*
4: /cgn2_6/ptodata/2/ina/6B.COMB.seq.*
5: /cgn2_6/ptodata/2/ina/PTUS.COMB.seq.*
6: /cgn2_6/ptodata/2/ina/backfilltest.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	577	93.8	624	2	US-08-392-771-5
2	577	93.8	19182	2	US-08-850-880-11
3	577	93.8	19182	2	US-08-944-916-11
4	575.6	93.6	894	1	US-08-076-726-10
5	575.6	93.6	894	1	US-08-260-452-3
6	575.6	93.6	894	2	US-08-481-970-3
7	575.6	93.6	894	2	US-08-897-719-3
8	575.6	93.6	894	4	US-09-163-269-3
9	573	93.2	4455	2	US-08-474-169-5
10	573	93.2	6206	2	US-08-474-169-3
11	572.2	93.0	3266	2	US-08-737-316A-2
12	571.8	93.0	652	2	US-09-162-184-36
13	571.8	93.0	652	4	US-09-489-777A-36
14	571.4	92.9	621	1	US-08-485-971-16
15	571.4	92.9	621	1	US-08-383-724-16
16	571.4	92.9	621	1	US-08-485-978-16
17	571.4	92.9	621	2	US-08-486-814-16
18	571.4	92.9	621	2	US-08-487-472-16
19	571.4	92.9	621	3	US-08-485-740-16
20	571.4	92.9	621	3	US-09-162-184-16
21	571.4	92.9	621	4	US-09-161-902-16
22	571.4	92.9	621	4	US-09-489-777A-16
23	571.4	92.9	621	5	PCT-US95-08179-16
24	571.4	92.9	819	3	US-09-162-184-35
25	571.4	92.9	819	4	US-09-489-777A-35
26	571.4	92.9	1008	1	US-08-076-726-8
27	571.4	92.9	1008	1	US-08-260-452-1

28	571.4	92.9	1008	2	US-08-481-970-1	Sequence 1, Appl
29	571.4	92.9	1008	2	US-08-897-719-1	Sequence 1, Appl
30	571.4	92.9	1008	4	US-09-163-269-1	Sequence 1, Appl
31	571.4	92.9	1443	3	US-09-162-184-37	Sequence 37, Appl
32	571.4	92.9	1443	3	US-08-489-777A-37	Sequence 37, Appl
33	571.4	92.9	1956	3	US-08-653-940-2	Sequence 2, Appl
34	565	91.9	621	1	US-08-485-971-18	Sequence 18, Appl
35	565	91.9	621	1	US-08-383-754-18	Sequence 18, Appl
36	565	91.9	621	1	US-08-485-978-18	Sequence 18, Appl
37	565	91.9	621	2	US-08-486-814-18	Sequence 18, Appl
38	565	91.9	621	2	US-08-487-472-18	Sequence 18, Appl
39	565	91.9	621	3	US-08-485-740-18	Sequence 18, Appl
40	565	91.9	621	3	US-09-162-184-18	Sequence 18, Appl
41	565	91.9	621	4	US-09-161-902-18	Sequence 18, Appl
42	565	91.9	621	4	US-09-489-777A-18	Sequence 18, Appl
43	565	91.9	621	5	PCT-US95-08179-18	Sequence 18, Appl
44	565	91.9	1008	1	US-08-485-971-1	Sequence 1, Appl
45	565	91.9	1008	1	US-08-275-876-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-08-392-771-5/c
Sequence 5, Application US/08392771
Patent No. 5917122
GENERAL INFORMATION:
APPLICANT: Byrnie, Guerdard
TITLE OF INVENTION: TETRACYCLINE REPRESSOR-MEDIATED BINARY
TITLE OF INVENTION: REGULATION SYSTEM FOR CONTROL OF GENE EXPRESSION IN
TITLE OF INVENTION: TRANSGENIC ANIMALS
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: BAXTER INTERNATIONAL INC.
ADDRESSEE: LAW DEPARTMENT, MPR-A25
STREET: 1620 N. WAUKEGAN ROAD
CITY: MCGAW PARK
STATE: ILLINOIS
COUNTRY: USA
ZIP: 60085
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/392,771
FILING DATE: 24-FEB-1995
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: MATTEWSON, CHARLES R.
REGISTRATION NUMBER: 30,660
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847-473-6693
TELEFAX: 847-473-6933
INFORMATION FROM SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 624 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..624
US-08-392-771-5

Query Match 93.8%, Score 577, DB 2, Length 624;
Best Local Similarity 98.1%, Pred. No. 6e-176;
Matches 609; Conservative 0; Mismatches 0; Indels 12; Gaps

OY	7	cttaagaccacacttcaacatlaagtgcttttcttaatccgaatgatgaatcaagggc	6
Db	624	TTAAACACCACCTTACATTTAGTTGTTTTTCTATCCGCATATGATTAATTCAGGGC	56
OY	67	gaataagaagcttggtctctgcaccttggtagtcaataatctgatagcttgctgtaata	12
Db	564	GAATTAAGAAGCGCTGGCTCGCACCTTGGTGATCAATATATTCGATAGCTTGCGTATTA	50
OY	127	tgggggcaactatcatagtagtagtgcttccctctctctctcttaagcaacttgatgctctg	18
Db	504	TGGCGGCATACTATAGTAGTAGTGCTTCCCTTCTCTTACGCACTGATGCTCTTG	44
OY	187	atcttccgaatcgaacactaaagtaaaatgcccaagcgctgagtgatgataaagcaat	24
Db	444	ATCTTCCAAATACGCAACTTAAGTAATGCCCAAGCGCTGAGTGCATATATATGCAATT	38
OY	247	ctctca - gaaaaacacttgctggcataaaaaggctaaatlgatcttcgagaagttcatactg	30
Db	384	CTCTAGTGAAAAACCTTGTTGGCATAAAAAGGCTAATTGATTTTGAGAGTTTCATACAGC	32
OY	305	ttttctctgaagccg - - - - - tgaactttgctccatcggatgactagtaaacg	35
Db	324	TTTTCTGTAGGCCGTGACCTAAATGTACTTTGCTCATGCGCATGACTTACGTAAGC	26
OY	355	acaatcaaaccttttagtgatlaacgtataaaacatctgcagactttccctctcaagg	41
Db	264	ACATTTAAACTTTTAGCGCTTATTACGTAAAAAATCTTGCCAGCTTCCCTTCPTAAAGG	20
OY	415	gcaaaagtgagtagtctgctctatacctaacaatcctaagtgctaagcgctgagcaaaagccg	47
Db	204	GCAAAAGTAGATGTGCTGCTATCTAACATCTGCATGGCTAAGCGCTGAGCAAAAGCCCG	14
OY	475	cttaatttttacaagcgaataacatgtagtgctgctctacacactagctctcggcgagttc	53
Db	144	CTTATTTTTTACATGCCAATACAAATGTAGGCGTGCCTACACTTCTTGCGCGAGTTT	85
OY	535	acgggtgtttaaacccttcgatctcgaacctcatlaagcagagctctaagtcggttaataac	59
Db	84	ACGGGTTTAAACCTTGATTCGCACTCATTAAGCAGCTCTAATGCGCTGTTAATCAC	25
OY	595	ttactcttaccatcactaga	615
Db	24	TTTACTTTATCTAATCTAGA	4
RESULT 2			
US-08-850-880-11			
: Sequence 11, Application US/08850880			
: Patent No. 5925545			
GENERAL INFORMATION:			
: APPLICANT: Reznikoff, William S			
: APPLICANT: Gorysin, Igor Y			
: APPLICANT: Zhou, Hong			
: TITLE OF INVENTION: System for In Vitro Transposition			
: NUMBER OF SEQUENCES: 11			
CORRESPONDENCE ADDRESS:			
: ADDRESSEE: Quarles & Brady			
: STREET: 1 South Pinckney Street			
: CITY: Madison			
: STATE: WI			
: COUNTRY: USA			
: ZIP: 53703			
COMPUTER READABLE FORM:			
: MEDIUM TYPE: Floppy disk			
: COMPUTER: IBM PC compatible			
: OPERATING SYSTEM: PC-DOS/MS-DOS			
: SOFTWARE: PatentIn Release #1.0, Version #1.30			
: CURRENT APPLICATION DATA:			
: APPLICATION NUMBER: US/08/850,880			
: FILING DATE:			
: CLASSIFICATION: 435			
: ATTORNEY/AGENT INFORMATION:			
: NAME: Berson, Bennett J			

```

1 REGISTRATION NUMBER: 37094
2 REFERENCE/DOCKET NUMBER: 960296, 94142
3 TELECOMMUNICATION INFORMATION:
4 TELEPHONE: 608/251-5000
5 TELEFAX: 608-251-9166
6 INFORMATION FOR SEQ ID NO: 11:
7 SEQUENCE CHARACTERISTICS:
8 LENGTH: 19182 base pairs
9 type: nucleic acid
10 STRANDEDNESS: double
11 TOPOLOGY: circular
12 MOLECULE TYPE: other nucleic acid
13 DESCRIPTION: /desc = "Plasmid pK24196"
14
15 FEATURE:
16 NAME/KEY: repeat_unit
17 LOCATION: 94..112
18 OTHER INFORMATION: /note= "Wild type OE sequence"
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20 FEATURE:
21 NAME/KEY: repeat_unit
22 LOCATION: 12184..12225
23 OTHER INFORMATION: /note= "Cassette IE"
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25 US-08-850-880-11
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RESULT 3
US-08-944-916-11
: Sequence 11, Application US/08944916
: Patent No. 5948622
: GENERAL INFORMATION:
: APPLICANT: Reznikoff, William S
: APPLICANT: Goryshin, Igor Y
: APPLICANT: York, Dona L
: APPLICANT: Zhou, Hong
: TITLE OF INVENTION: System for In Vitro Transposition
: NUMBER OF SEQUENCES: 13
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Charles & Brady
: STREET: 1 South Pinckney Street
: CITY: Madison
: STATE: WI
: COUNTRY: USA
: ZIP: 53703
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/944,916
: FILING DATE:
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/814,877
: FILING DATE: 09-SEP-1996
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/850,880
: FILING DATE: 02-MAY-1997
: ATTORNEY/AGENT INFORMATION:
: NAME: Beison, Bennett J
: REGISTRATION NUMBER: 37094
: REFERENCE/DOCKET NUMBER: 960296.94916
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 608/251-5000
: TELEFAX: 608-251-9166
: INFORMATION FOR SEQ ID NO: 11:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 19182 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: circular
: MOLECULE TYPE: other nucleic acid
: DESCRIPTION: /desc = "Plasmid pR24196"
: FEATURE:
: NAME/KEY: repeat_unit
: LOCATION: 94..112
: OTHER INFORMATION: /note= "Wild type OE sequence"
: FEATURE:
: NAME/KEY: repeat_unit
: LOCATION: 12184..12225
: OTHER INFORMATION: /note= "Cassette IE"
US-08-944-916-11

Query Match 93.8%, Score 577; DB 2; Length 19182;
Best Local Similarity 98.1%; Pred. No. 2.9e-175;
Matches 609; Conservative 0; Mismatches 0; Indels 12; Gaps 2;

QY 7 ttaagaccacttcacattaaagtgtttcttaacccgacatgatcaattcaaggcc 66
DB 6943 TTAAGACCCACTTTCACATTAAAGTGTGTTTCTAATCCGATATGATCAATTCAGGCC 7002
QY 67 gataagaagctgtgctgtgcacccctgtgtatgaataataatttgatagctgtgcgtaataa 126
DB 7003 GAATAGAAGGCTGTGCTGTGCCTTGATGATCAATAATTCGATAGCTGTGCGTAATAA 7062
QY 127 tggcgacatactcagtagtagtggttcccttctctttagagacttgactgtcttg 186

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DB 7063 TGGCGGACATACATACAGTAGTAGTGTTCCTCTTCTTCTTACCGACTTATGCTTTG 7122
QY 187 atcttcaaatagcgaacctaagaataatgcccacagcgtgagtcataataatgcat 246
DB 7123 ATCTTCCATATACGCAACCTAAGTAATAATGCCACAGCGCTGAGTGCATATATGCAAT 7182
QY 247 ctcta--gaaaaacctgtgtgcaataaaaggctaatgtatttcgagaagttcactcg 304
DB 7183 CTCTAGTCAAAAACCTTGTGTCATAAAAGGCTAATGATTTTCGAGAGTTTCATCTAGT 7242
QY 305 tttctcgtagcg-----tgtaacttgcgcgcgcgagatgacttagtaagc 354
DB 7243 TTTTCTGTAGCCGCTGACCTTAATGATGCTTTGCTCCATCGGATGACTTAGTAAGC 7302
QY 355 acatctaaaccttttagcgtattatagcaaaaaaaccttgcgaagcttcccttcaagg 414
DB 7303 ACATCTAAACCTTTTAGCGGTATTAAGTAATAAATCTTGCCAGCTTTCCTTTAAAGG 7362
QY 415 gcaaaagtgaatgagtcctatctaaacatcgaatgagcgcgcgaagcaaggccg 474
DB 7363 GCAAAAGTAGTATGCTGCTCATCTAATCTCAATGCTTAAGCGCTGACCAAGCCCG 7422
QY 475 ctatctttcaatgcgaatacaaatgtagctgtctacacctagcttcgtggcagttc 534
DB 7423 CTATATTTTACATGCCAATGCAATGTAGCGCTGCTACACCTAGCTTCTGGCCAGATT 7482
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DB 7543 TTTACTTTATCTAATCTAGA 7563

RESULT 4
US-08-076-726-10/c
: Sequence 10, Application US/08076726
: Patent No. 5464758
: GENERAL INFORMATION:
: APPLICANT: Gossen, Manfred
: APPLICANT: Bujard, Hermann
: TITLE OF INVENTION: Tight Control of Gene Expression in
: TITLE OF INVENTION: Eucaryotic Cells by Tetracycline-responsive Promotr
: NUMBER OF SEQUENCES: 16
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Sterne, Kessler, Goldstein & Fox
: STREET: 1100 New York Avenue, N.W.
: CITY: Washington
: STATE: District of Columbia
: COUNTRY: United States of America
: ZIP: 20005-3934
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/076,726
: FILING DATE: 14-JUN-1993
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Esmond, Robert W.
: REGISTRATION NUMBER: 32,893
: REFERENCE/DOCKET NUMBER: 0942.2490001
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (202)371-2600
: TELEFAX: (202)371-2540
: TELEX: 248636 SSX
: INFORMATION FOR SEQ ID NO: 10:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 894 base pairs
: TYPE: nucleic acid

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STRANDEDNESS: both
TOPOLOGY: both
FEATURE:
NAME/KEY: CDS
LOCATION: 1..891
US-08-076-726-10

Query Match 93.6%; Score 575.6; DB 1; Length 894;
Best Local Similarity 97.4%; Pred. No. 2e-175;
Matches 610; Conservative 0; Mismatches 4; Indels 12; Gaps 2;

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QY 2 gatccttaagaccacattcacatttaagttgttttctcaatccgcatatgatcaatca 61
DB 629 GATGCGATGACACCACCTTTACATTTAAATGTTTCTTAATCCGATATGATCAATTC 570
QY 62 aggcgcgaataaagaagcgtgcctgcacccctgtgtgaaccaataatcgaatacgtc 121
DB 569 AGGCCGAATAAAGAAGCGCTGCTGCGACCTTGATCAATAATTCGATAGCTTGCTG 510
QY 122 aataatgagcgatactatacagtagtagtgccttcttcttcttcttcttcttctt 181
DB 509 AATAATGGCGGCTACTATCACTAGTAGTGGTTCCTTTCTTTTACCGACTTGATGC 450
QY 182 tctgactcttccatacgaacccaataaagtaaaagccacagcgctgagtcataata 241
DB 449 TCTTATCTTCCCAATACGCAACCTAAAGTAATGCCCCACAGCGCTGATCGATTAAT 390
QY 242 gcatctctta--gaaaacactgtctgcatataaagaagcctaattgattctcgagatca 299
DB 389 GCATTCTCTAGTGAAACCTTGTTGGCATAAAGGCTAATTGATTTCGAGAGTTTGA 330
QY 300 taactgtttctgtagagcg-----tgactttgtctcaccgcgcatgacttagt 349
DB 329 TACTGTTTCTGTAGCGCGTGTTACCTAATGTACTTTGCTGCATCCGATGACTAGT 270
QY 350 aaagcacatcctaaaccttttaagcgttattagtaaaataatcttgcagacttcccttc 409
DB 269 AAAGCACTCTAAACCTTTTACGCTTATTACGTAATAAAATCTTGCAGCTTCCCTTGT 210
QY 410 aaagggcaaaagtgtgatagtgtgctatctcaatcatcgaatgacgaagcgctcgagca 469
DB 209 AAAGGGCAAAAGTGTAGTGTGCGCTATCTAATCATCTCATGCGTAAGCGCTCGAGCAA 150
QY 470 gccgccttaattttcaatgccaatacaatgtaggctgcctacacctaagcttctcgtg 529
DB 149 GCCGCCCTATTTTTACATGCCAATACAAATGTAGGCTGCTCTACACCTAGCTTCTGGGG 90
QY 530 agtttaagcggtttaaaccttcgattcgcagcctcatataagaagcttcaatgctgtta 589
DB 89 AGTTTAGCGGTGTTAAACCTTTCGATTCGACCTCTTAAGCAGCTTAATGCCCTGTTA 30
QY 590 atcaccttacttatactcaatcaga 615
DB 29 ATCACTTACTTTTATCTAATCTAGA 4
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RESULT 5
US-08-260-452-3/C
Sequence 3, Application US/08260452
Patent No. 5650298
GENERAL INFORMATION:
APPLICANT: Gossen, Manfred
APPLICANT: Bujard, Hermann
APPLICANT: Salfeld, Jochen
APPLICANT: Voss, Jeffrey
TITLE OF INVENTION: Tight Control of Gene Expression in Eucaryotic
TITLE OF INVENTION: Cells by Tetraacycline-responsive Promoters
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lahive & Cockfield
STREET: 60 State Street
CITY: Boston

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STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109-1875  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII text  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/260,452  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/076,327  
ATTORNEY/AGENT INFORMATION:  
NAME: Giulio A. DeConti, Jr.  
REGISTRATION NUMBER: 31,503  
REFERENCE/DOCKET NUMBER: BBI-013CP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 227-7400  
TELEFAX: (617) 227-5941  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 894 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: Herpes Simplex Virus  
STRAIN: K12, KOS  
INDIVIDUAL ISOLATE: tTAS transactivator  
FEATURE:  
NAME/KEY: exon  
LOCATION: 1..894  
FEATURE:  
NAME/KEY: mRNA  
LOCATION: 1..894  
FEATURE:  
NAME/KEY: misc. binding  
LOCATION: 1..207  
FEATURE:  
NAME/KEY: misc. binding  
LOCATION: 208..297  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..891  
US-08-260-452-3
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Query Match 93.6%; Score 575.6; DB 1; Length 894;
Best Local Similarity 97.4%; Pred. No. 2e-175;
Matches 610; Conservative 0; Mismatches 4; Indels 12; Gaps 2

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QY 2 gatccttaagaccacattcacatttaagttgttttctcaatccgcatatgatcaatca 61
DB 629 GATGCGATGACACCACCTTTACATTTAAATGTTTCTTAATCCGATATGATCAATTC 570
QY 62 aggcgcgaataaagaagcgtgcctgcacccctgtgtgaaccaataatcgaatacgtc 121
DB 569 AGGCCGAATAAAGAAGCGCTGCTGCGACCTTGATCAATAATTCGATAGCTTGCTG 510
QY 122 aataatgagcgatactatacagtagtagtgccttcttcttcttcttcttcttctt 181
DB 509 AATAATGGCGGCTACTATCACTAGTAGTGGTTCCTTTCTTTTACCGACTTGATGC 450
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DB 449 TCTTATCTTCCCAATACGCAACCTAAAGTAATGCCCCACAGCGCTGATCGATTAAT 390
QY 242 gcatctctta--gaaaacactgtctgcatataaagaagcctaattgattctcgagatca 299
DB 389 GCATTCTCTAGTGAAACCTTGTTGGCATAAAGGCTAATTGATTTCGAGAGTTTGA 330
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QY 300 tactgttttctgtagggcg-----tgactttgtgcctcagcgagtagt 349
DB 329 TACTGTTTTCTGTAGGCGGCTGTACTTAATGTAATCTTTGCTCCATCCGATGACTTAACT 270
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QY 410 aaagggcaaaagtgagtagtggcctatcacaatcacaatgagcgaagcgtcgagcaaa 469
DB 209 AAAGGGCAAAAGTAGTAGTGGCTTATCAATCTCAATGGCTAAGCGCTGAGCAAA 150
QY 470 gccgcgtatttttttaactgccaataaagtgaagcgtcctcaacagcttctggcgcg 529
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QY 530 agttaaggggtgttaaaccttcgagctccgagcctcatlaagcagctcgaagcgtgta 589
DB 89 AGTTACGGGTTGTAAACCTTCGATTCGACCTCATTAAGCAGCTTAATGCGCTGTTA 30
QY 590 atcaacttacttatactaatctaga 615
DB 29 ATCACTTACTTTTATCTAATCTAGA 4

RESULT 6
US-08-481-970-3/c
: Sequence 3, Application US/08481970
: Patent No. 5859310
: GENERAL INFORMATION:
: APPLICANT: Cossen, Manfred
: APPLICANT: Bujard, Hermann
: APPLICANT: Salfeld, Jochem
: APPLICANT: Voss, Jeffrey
: TITLE OF INVENTION: Animal Transgenic for a Tetracycline-Controlled
: NUMBER OF SEQUENCES: 10
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lahive & Cockfield
: STREET: 60 State Street, Suite 510
: CITY: Boston
: STATE: Massachusetts
: COUNTRY: USA
: ZIP: 02109-1875
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: ASCII text
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/481,970
: FILING DATE:
: CLASSIFICATION: 800
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/260,452
: FILING DATE: 14-JUN-1994
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/076,327
: FILING DATE: 14-JUN-1993
: ATTORNEY/AGENT INFORMATION:
: NAME: Giulio A. Decortis, Jr.
: REGISTRATION NUMBER: 31,503
: REFERENCE/DOCKET NUMBER: BBI-013CP2
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (617) 227-7400
: TELEFAX: (617) 227-5941
: INFORMATION FOR SEQ ID NO: 3:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 894 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)

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: ORIGINAL SOURCE:
: ORGANISM: Herpes Simplex Virus
: STRAIN: K12, KOS
: INDIVIDUAL ISOLATE: tTAS transactivator
: FEATURE:
: NAME/KEY: exon
: LOCATION: 1..894
: FEATURE:
: NAME/KEY: mRNA
: LOCATION: 1..894
: FEATURE:
: NAME/KEY: misc. binding
: LOCATION: 1..207
: FEATURE:
: NAME/KEY: misc. binding
: LOCATION: 208..297
: FEATURE:
: NAME/KEY: CDS
: LOCATION: 1..891
: US-08-481-970-3

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Query Match 93.6%; Score 575.6; DB 2; Length 894;
Best Local Similarity 97.4%; Pred. No. 2e-175;
Matches 610; Conservative 0; Mismatches 4; Indels 12; Gaps

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QY 2 gatccttaagaccaccttcacattaaagtgttttcttaaccgacatagatcaatca 61
DB 629 GATGATCAGACCCACTTTCACATTAAAGTGTGTTTCTTAATCCGATATGTAATTC 570
QY 62 aggcgcaataaagagcgtcgtcgtcgtcgtcgtcgtcgtcgtcgtcgtcgtcgtcgt 121
DB 569 AGCGCAATTAAGACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 510
QY 122 aataatggcgcatactactacgttagtagtgggttcccttcttctttagcagctgagtc 181
DB 509 AATAATGCGCGCATACATACATAGTAGTGGTTCCTTCTTTCCTTTCCTTTCCTTTCCT 450
QY 182 tcttgatcttccaaatgaagcgaacctaaglaaataatcccaagcgtcgtatgacataat 241
DB 449 TCTTGATCTTCCAAATGACGCAACCTTAAGTAATATCCCGACGCTGAGTGCATATAT 390
QY 242 gcatctctga--gaaaaacctgttgcacataaaagcctaattgatttctcgaagttca 299
DB 389 GCATCTCTAGGAAAAACCTTGTGGCATTAAGGCTAATTGATTTTCGAGAGTTCA 330
QY 300 tactgttttctgtagggcg-----tgactttgtgcctcagcgagtagt 349
DB 329 TACTGTTTTCTGTAGGCGGCTGTACTTAATGTAATCTTTGCTCCATCCGATGACTTAACT 270
QY 350 aaagcacatctaaaccttttagcgtatctaacgttaaaaaacctgtccagcttccctct 409
DB 269 AAAGCACATCTAAACTTTTACCGTATTACCTAAAAAATCTTGCACGCTTCCCTTCT 210
QY 410 aaagggcaaaagtgagtagtggcctatcacaatcacaatgagcgaagcgtcgagcaaa 469
DB 209 AAAGGGCAAAAGTAGTAGTGGCTTATCAATCTCAATGGCTAAGCGCTGAGCAAA 150
QY 470 gccgcgtatttttttaactgccaataaagtgaagcgtcctcaacagcttctggcgcg 529
DB 149 GCCGCGTATTTTTCATGCGCAATATCAATGATGAGGCTGCTTACACCTTAGCTTGGGCG 90
QY 530 agttaaggggtgttaaaccttcgagctccgagcctcatlaagcagctcgaagcgtgta 589
DB 89 AGTTACGGGTTGTAAACCTTCGATTCGACCTCATTAAGCAGCTTAATGCGCTGTTA 30
QY 590 atcaacttacttatactaatctaga 615
DB 29 ATCACTTACTTTTATCTAATCTAGA 4

RESULT 7
US-08-897-719-3/c

```

Sequence 3, Application US/08897719
Patent No. 5922927
GENERAL INFORMATION:
APPLICANT: Gossen, Manfred
APPLICANT: Bujard, Hermann
APPLICANT: Salfeld, Jochen
APPLICANT: Voss, Jeffrey
TITLE OF INVENTION: Tight Control of Gene Expression in Eucaryotic
TITLE OF INVENTION: Cells by Tetraacycline-responsive Promoters
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lahive & Cockfield
STREET: 60 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/897,719
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/260,452
FILING DATE:
APPLICATION NUMBER: 08/076,327
FILING DATE: 14-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Giulio A. DeConti, Jr.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: B91-013CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 894 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: Herpes Simplex Virus
STRAIN: K12, KOS
INDIVIDUAL ISOLATE: tTAS transactivator
FEATURE:
NAME/KEY: exon
LOCATION: 1..894
FEATURE:
NAME/KEY: mRNA
LOCATION: 1..894
FEATURE:
NAME/KEY: misc. binding
LOCATION: 1..207
FEATURE:
NAME/KEY: misc. binding
LOCATION: 208..297
FEATURE:
NAME/KEY: CDS
LOCATION: 1..891
US-08-897-719-3

Query Match 93.6%; Score 575.6; DB 2; Length 894;
Best Local Similarity 97.4%; Pred. No. 2e-175;
Matches 610; Conservative 0; Mismatches 4; Indels 12; Gaps 2;
2 gatccctaagaccacttcacattgaagttgtttcttaacgcgacatgatcatca 61
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Db 629 GATGATCAGACCCACTTTCACATTGAAGTTGTTTTCATCCGATATGATCAATTCA 570
Qy 62 aagcgcaataagaaggctgctcgcaccttggtgatacaataatcgaatgctgctg 121
||| ||||||||||||||||||||||||||||||||||||||||||||
Db 569 AGCCGCAATAGAGAGCTGCTGCGACCTTGCTGATCAAAATATTCGATTGCTGCT 510
Qy 122 aataaggggcatactatccagtagaagtggtttcccttcttcttcttcttcttct 181
||| ||||||||||||||||||||||||||||||||||||||||||||
Db 509 AATATAGGGGATACATACAGTAGAGTGTTCCCTTCTTCTTACGACCTGATGC 450
Qy 182 tcttgatctccaatcgaacctaaagcaaatgctgctgctgctgctgctgctgctg 241
||| ||||||||||||||||||||||||||||||||||||||||||||
Db 449 TCTTGATCTTCCATACGACCTAAGTAAGTAAGTCCACAGCGCTGATGATTAAT 390
Qy 242 gatttctcta--gaaaaacctgtgtgcaataaaggctaatgatttctcgaagtcca 299
||| ||||||||||||||||||||||||||||||||||||||||||||
Db 389 GCATTCTCTAGTAAGAAACCTTGTCGATAAAGGCTAATGATTTCGAGAGTTTCA 330
Qy 300 tactgttttctgtaggcg-----tgtactttgtccatcgagatgaacttagt 349
||| ||||||||||||||||||||||||||||||||||||||||||||
Db 329 TACTGTTTCTGTAGCGCGCTGCTACCTAATGATGATTGTTGTCATCCGAGACTTACT 270
Qy 350 aaagcacatcctaaacctttagcgttattacgttaaaaaatcttgcaagtttcccttct 409
||| ||||||||||||||||||||||||||||||||||||||||||||
Db 269 AAGGACATCTAAGACTTTTACGCTTATTACGTAATAAAATCTTGCCAGCTTCCCTTCT 210
Qy 410 aaaggcaaaagtgaatgctgctatcctacatcctcaatgctgaagcgctgagcaaa 469
||| ||||||||||||||||||||||||||||||||||||||||||||
Db 209 AAGGGCAAAAGTGAATGATGCTGCTATCTAATGCTCAATGCTCAAGCGCTGAGCAAA 150
Qy 470 gccgcttatttctacatgccaatacaatgtagcctgctacacctaagcttctgagcg 529
||| ||||||||||||||||||||||||||||||||||||||||||||
Db 149 GCCCCTTATTTTACATGCAATACATGAGCTGCTCTACACCTAGCTTCTGCGCG 90
Qy 530 agttacgggtgttaaaccttgcgttcgcacctatttaagaagcttcaagcgctgtgta 589
||| ||||||||||||||||||||||||||||||||||||||||||||
Db 89 AGTTTACGGGTTGTTAACTTCGATTCCGACCTCATTAAGCAGCTTAATGCGCTGTTA 30
Qy 590 atcaacttacttatactaatcaga 615
Db 29 ATCACTTACTTTTATCTAATCTAGA 4

RESULT 8
US-09-163-269-3/c
Sequence 3, Application US/09163269
Patent No. 6252136
GENERAL INFORMATION:
APPLICANT: Gossen, Manfred
APPLICANT: Bujard, Hermann
APPLICANT: Salfeld, Jochen
APPLICANT: Voss, Jeffrey
TITLE OF INVENTION: Animal Transgenic for a Tetraacycline-Controlled
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lahive & Cockfield
STREET: 60 State Street, Suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/163,269
FILING DATE:
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/481,970
FILING DATE:

```

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/076,327
FILING DATE: 14-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Giulio A. DeConti, Jr.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: BBI-013CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 894 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: Herpes Simplex Virus
STRAIN: K12, KOS
INDIVIDUAL ISOLATE: tTAS transactivator
FEATURE:
NAME/KEY: exon
LOCATION: 1..894
FEATURE:
NAME/KEY: mRNA
LOCATION: 1..894
FEATURE:
NAME/KEY: misc. binding
LOCATION: 1..207
FEATURE:
NAME/KEY: misc. binding
LOCATION: 208..297
FEATURE:
NAME/KEY: CDS
LOCATION: 1..891
US-09-163-269-3

Query Match          93.6%; Score 575.6; DB 4; Length 894;
Best Local Similarity 97.4%; Pred. No. 2e-175;
Matches 610; Conservative 0; Mismatches 4; Indels 12; Gaps 2;
QY 2 gatccttaagaccaccccttcacattgaagtgcttcttaaccgcacataagataatca 61
DB 629 GATGATCAGACCCACTTTCACATTAAAGTTGTTTCTAATCCCATATGTCATTTCA 570
QY 62 agccgcaataaagaagctgctcgtcgcacctgctgcatcaataaataatcgatcgt 121
DB 569 AGCCGCAATTAAGAAAGCTGGCTCTGCACCTTGTCATCAATAATTCGATAGCTGCT 510
QY 122 aataatgacgacatactacatcagtagtaggttcccttcttcttctttagcgaattgatgc 181
DB 509 AATAATGCGCGCATACTACTACAGTAGTAGTTCCTTCTTCTTGAAGCGACTTGATGC 450
QY 182 tcttgatcttccaataagcaacctaagaataaataatgccccacagcgctgagtcataata 241
DB 449 TCTTGATCTTCCAAATACCAACCTAAAGTAATATGCCACGCCCTGAGTGCATATAT 390
QY 242 gcatctctga--gaaaaacctgtgtgcataaaagaagcctaattgatttctcgagattca 299
DB 369 GCATTCTCTAGTGAATAAACTTGTTGGCATATAAAGGCTAATTGATTTTCGAGATTTC 330
QY 300 tactcttctctgtagcg-----tgtaacttctgtcacaatcgagatgactagt 349
DB 329 TACTGTCTTTCTGTAGCGCGGTACTACATAATGTACTTTTGGCTCCATCGGAGACTT 270
QY 350 aaagcacatcaaaaccttttagcgtatattagcgtataaaataatcttgcagcttccctctc 409
DB 269 AAAGCACATCTAAAACTTTTAGCGTTATTACGTAAATAATCTTGCCAGCTTCCCTTCT 210
QY 410 aaagggcaaaaatgtagttagtctatctacatcctcaatgagcgaagcgctcgagcaaa 469

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DB 209 AAAGGCAAAAGTAGTAGTGGTGCCTATCTACATCTCAATGGCTAAGCGCTCGAGCAA 150
QY 470 gcccgctatttttaacatgccaataaataatgtaagcctgacatcaccaagctctcgagcg 529
DB 149 GCCCGCTATTATTTTACATGCGCAATACATATAGGCTGCTCTACACCTAGCTTCTGGCG 90
QY 530 agttacgggtgttaaaccttcgacatccgacccatcaataaagaagcctcaatgacgtctca 589
DB 89 AGTTACGGGTGTTTAAACCTTCGATTCCGACCTCATTAACGACGCTTAATGCCGTGTTA 30
QY 590 atcaacttaacttatacctaatacaga 615
DB 29 ATCACTTACTTTATCTAATCTAGA 4

RESULT 9
US-08-474-169-5/c
Sequence 5, Application US/08474169
Patent No. 5851796
GENERAL INFORMATION:
APPLICANT: Schatz, David G.
TITLE OF INVENTION: An Autoregulatory Tetracycline-Regulated
NUMBER OF INVENTION: System for Inducible Gene Expression in Eucaryotes
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX P.L.L.C
STREET: 1100 New York Ave. Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,169
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 4455 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: both
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 774..1778
US-08-474-169-5

Query Match          93.2%; Score 573; DB 2; Length 4455;
Best Local Similarity 96.1%; Pred. No. 2.8e-174;
Matches 605; Conservative 0; Mismatches 0; Indels 12; Gaps
QY 11 gaccacattcacattgaatgtttcttcaatccgataatgataatcaatcaagcgcaat 70
DB 1393 GACCACATTTTCACATTTAAAGTTGTTTCTAATCCGATATGATTAATTCAGAGCGCAAT 1334
QY 71 aagaagcctgacacacacacacacacacacacacacacacacacacacacacacacacacac 130
DB 1393 AAGAAGCGCTGGCTGTGACCTGTGATCAATTAATTCGATAGCTTGTGCTAATATGCGC 1274
QY 111 ggcatacatcaatgtagttagtcttcccttcttcttcttcttcttcttcttcttcttctt 190
DB 1273 GGCATACATATAGTAGTAGTGTGCTTCCCTTCTTCTTAAAGCAGACTTGATGCTTGATCT 1214
QY 151 tccaataagcaaacctcaagaataaataagccccacagcgctgagtgatataatgcatctct 250

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Db 1213 TCCAAATACGCAACCTAAAGTAATGCCCCACAGCGCTGAGTCATATATGATTCCT 1154
QY 251 a--gaaacacctgttggcataaaagcgaatgttctcgagagttcatactgtttc 308
Db 1153 AGTGAATAACCTTGTGGCATAAAGGCTAATGATTTTCGAGATTTCATCTGTTTT 1094
QY 309 tctgttaggcg-----tgaactttgcaccatcgcgatgttctgtaagaacat 358
Db 1093 TCTGTAGGCCGCTTACTTAATGTACTTTTGCCTCCATCCGAGTACTTGTATAAGCACA 1034
QY 359 ctaaaacctttagcgttattacgtataaaactctgcgaacttccctctcaaaagcga 418
Db 1033 CTAATAACCTTTAGCGCTTATTAGCTAATAAATCTGCCACCTTCCCTCTTAAGGCGCA 974
QY 419 aagtgagtagtgcctactataacatctcaatgagcgaagcgtcgagcaagccgctta 478
Db 973 AAGTGAGTGTGTGCTTACTTAACATCTCAATGGCTAAGCGCGTGAAGCAACCCCTTA 914
QY 479 ttlttacaatgccaataatgttagcgtcctacacactagcttctggcgagtttaag 538
Db 913 TTTTTCATGCGCAATACATATAGCTCTCTTACCTTGTGGCGAGTTTACGG 854
QY 539 gtgtttaaaccttcgattccgaacctcaatgaagcgaagcgtcgtgttaactta 598
Db 853 GTTGTAAACCTTCGATTCGACCTCATTAAGCAGCTTAATGCGCTGTATATCACTTTA 794
QY 599 cttttatcctaactaga 615
Db 793 CTTTATCTAATCTAGA 777

RESULT 10
US-08-474-169-3
Sequence 3, Application US/08474169
Patent No. 5851796
GENERAL INFORMATION:
APPLICANT: Schatz, David G.
TITLE OF INVENTION: An Autoregulatory Tetracycline-Regulated
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C
STREET: 1100 New York Ave. Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,169
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 6206 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: both
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: complement (2469..3476)
US-08-474-169-3

Query Match 93.2%; Score 573; DB 2; Length 6206;
Best Local Similarity 98.1%; Pred. No. 3.3e-174;
Matches 605; Conservative 0; Mismatches 0; Indels 12; Gaps 1
QY 11 gaccacattccaatlaagttgttttcttaatccgcataatcaatcaagccgaat 70
Db 2854 GACCCACTTTCACATTTAAGTTGTTTTTAAATCCGATATCATTCATTAAGCCGAAT 2913
QY 71 aagaagcgtgccttcgcacacttgcgtatcaataatctgatagctgttcgtaataagc 130
Db 2914 AAGAAGGCTGCTCGACACTTGTGATCAATAATTTCTGAGCTTGTGTATATATGCG 2973
QY 131 ggcataactatcagtagtggttcccttcttcttcttaagcaacttgatcgtatct 190
Db 2974 GGCATACATACATAGTAGTGTTCCTCTTCTCTTTAGGCACATTCATGCTCTGATCT 3033
QY 191 tccaatagcgaacctaaagtaaaatgcccccaagcgtgagtgcatatagcatctctc 250
Db 3034 TCCATATCGCAACCTAAAGTAAATGCCCCACAGCGCTGAGTCAATTAATGCATTTCT 3093
QY 251 a--gaaacacctgttggcataaaagcgaatgtattctcgagagttcatactgtttc 308
Db 3094 AGTGAATAACCTTGTGGCATAAAGGCTAATGATTTTCGAGATTTCATCTGTTTT 3153
QY 309 tctgttaggcg-----tgaactttgcctacatcgatagcattagtaagaacat 358
Db 3154 TCTGTAGGCCGCTGTACTAAATGTACTTTTGTCTCCATGCGATGACTTATGAACACAT 3213
QY 359 ctaaaacctttagcgttattacgtataaaactctgcgaacttccctctcaaaagcga 418
Db 3214 CTAATAACCTTTAGCGCTTATTAGCTAATAAATCTTGCGAGCTTCCCTCTTAAGGCGCA 3273
QY 419 aagtgagtagtgcctactataacatctcaatgagcgaagcgtcgaagcccgctta 478
Db 3274 AAGTGAGTGTGTGCTTACTTAACATCTCAATGGCTAAGCGCTGACGAAGCCGCTTA 3333
QY 479 ttlttacaatgccaataatgttagcgtcctacacactagcttctggcgagtttaag 538
Db 3334 TTTTTCATGCGCAATACATATAGCTCTCTTACCTTGTGGCGAGTTTACGG 3393
QY 539 gtgtttaaaccttcgattccgaacctcaatgaagcgaagcgtcgtgttaactta 598
Db 3394 GTTGTAAACCTTCGATTCGACCTCATTAAGCAGCTTAATGCGCTGTATATCACTTTA 3453
QY 599 cttttatcctaactaga 615
Db 3454 CTTTATCTAATCTAGA 3470

RESULT 11
US-08-737-316A-2/c
Sequence 2, Application US/08737316A
Patent No. 5849576
GENERAL INFORMATION:
APPLICANT: SKERRA, Arne
TITLE OF INVENTION: USE OF THE TETRACYCLINE PROMOTER FOR THE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
STREET: 655 Fifteenth Street N.W. Suite 330
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005-5701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

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? APPLICATION NUMBER: US/08/737,316A
? FILING DATE: 12-NOV-1996
? CLASSIFICATION: 435
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: PCT/EP95/01862
? FILING DATE: 17-MAY-1995
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: DE P 44 17 598.1
? FILING DATE: 19-MAY-1994
? ATTORNEY/AGENT INFORMATION:
? NAME: Klets, Monica C.
? REGISTRATION NUMBER: 36,105
? REFERENCE/DOCKET NUMBER: P564-6012
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (202)638-5000
? TELEFAX: (202)638-4810
? INFORMATION FOR SEQ ID NO: 2:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 3266 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: double
? TOPOLOGY: circular
?
US-08-737-316A-2

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Query Match          93.0%; Score 572.2; DB 2; Length 3266;
Best Local Similarity 97.6%; Pred. No. 4.5e-174;
Matches 606; Conservative 0; Mismatches 3; Indels 12; Gaps 2;

OY 7 ttaagaccacactttacatttaagtgttttcttaacgcgacataatgaatcaaggcc 66
    |||||||
DB 2465 TTTAAGACCACCTTTACATTAAAGTTTCTTTCAATCCGATATGATCAATCAAGCC 2406

OY 67 gaataaagaagctgctgcaccttggtgatacaataatcgataagctgtcgtaataa 126
    |||||||
DB 2405 GAATAAGAAGGCTGCTGCACCTTGATCAATAATTCGATACCTTGCTGATAATA 2346

OY 127 tggggcatactactcaagtaagtggtttcccttctttagcagcttgatgctcttg 186
    |||||||
DB 2345 TGGGGCATACTATCACTAGTAGTGTTCCCTTCTTTAGCGACTTGATGCTCTTG 2286

OY 187 atctccaatacgaacctaagaatgaatgccacagcgtgagtcataataatgcaat 246
    |||||||
DB 2285 ATCTCCAAATACGAACCTTAAGTAATAATGCCACGCGTGAGTGCATATATGCAAT 2226

OY 247 ctcta--gaaaaacctgtgtgcataaaagagctaattgatttctgagagttcatactg 304
    |||||
DB 2225 CTCTAGTGAATAAACCTTGTTGGCATATAAAGGCTAATTGATTTCGAGAGTTTCATCTG 2166

OY 305 tttctctgtagcg-----tgtactttgtcccatcgcgatgacttaagtaagc 354
    |||||||
DB 2165 TTTTCTGTAGGCGGTACCTTAATGTACTTTTGCTTCACGCGATGACTTAAAGC 2106

OY 355 acatctaaaccttttagcgtatctacgttaaaaaactctgcagcgttcccttctaaag 414
    |||||||
DB 2105 ACATCTAAACCTTTAGCGTATTAAGTAAATAATCTTGCACGCTTCCCTTCTAAAG 2046

OY 415 gcaaaaatgagatgagtgctatctaacatctcaatgagcgtcgtcgagcaaaagccg 474
    |||||||
DB 2045 GCAAAAGTAGTATGAGTGCCTATCTACATCTCAATGAGCTTAAGCGTGAAGCAAGCCG 1986

OY 475 ctatcttttcaatgcaatgcaatgtagtgctctctacactagcttcttgaggagttt 534
    |||||||
DB 1985 CTATATTTTAAACATGCAATGCAATGAGCTGCTTAACACCTTGTGGGAGATT 1926

OY 535 acgggtgttaaaccttcgatcttcgcagcctctaaagcagcctaaatgagcgttcaaac 594
    |||||||
DB 1925 ACGGCTGTTAACCTTCGATTCGAGACTCATTAAGCAGCTCTAATGCGCTGTTAATCAC 1866

OY 595 ttactttatctaatctaga 615
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DB 1865 TTTACTTTTATCTAAACGAGA 1845

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RESULT 12
US-09-162-184-36/c
? Sequence 36, Application US/09162184A
? Patent No. 6136954
? GENERAL INFORMATION:
? APPLICANT: Bujard, Hermann
? Gossen, Manfred
? TITLE OF INVENTION: Tetracycline-Inducible Transcriptional
? Activator Fusion Proteins
? NUMBER OF SEQUENCES: 37
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: LAHYE & COCKFIELD
? STREET: 28 State Street
? CITY: Boston
? STATE: Massachusetts
? COUNTRY: USA
? ZIP: 02109-1875
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: ASCII Text
?
CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/09/162,184A
? FILING DATE: 28-Sep-1998
? CLASSIFICATION: <Unknown>
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 08/383,754
? FILING DATE: 03-FEB-1995
? APPLICATION NUMBER: US 08/275,876
? FILING DATE: 15-JULY-1994
? APPLICATION NUMBER: US 08/270,637
? FILING DATE: 01-JULY-1994
? APPLICATION NUMBER: US 08/260,452
? FILING DATE: 14-JUNE-1994
? APPLICATION NUMBER: US 08/076,327
? FILING DATE: 14-JUNE-1993
? APPLICATION NUMBER: US 08/076,726
? FILING DATE: 14-JUNE-1993
?
ATTORNEY/AGENT INFORMATION:
? NAME: DeConli, Giulio A. Jr.
? REGISTRATION NUMBER: 31,503
? REFERENCE/DOCKET NUMBER: BBI-0096CN
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (617)227-7400
? TELEFAX: (617)742-4214
?
INFORMATION FOR SEQ ID NO: 36:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 652 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: double
? TOPOLOGY: linear
? MOLECULE TYPE: cDNA
? SEQUENCE DESCRIPTION: SEQ ID NO: 36:
?
US-09-162-184-36

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Query Match          93.0%; Score 571.8; DB 3; Length 652;
Best Local Similarity 97.7%; Pred. No. 2.9e-174;
Matches 605; Conservative 0; Mismatches 2; Indels 12; Gaps

OY 9 aagaccacatttcatttaagtgttttcttaacgcgataatgaatcaatcaaggcga 68
    |||||||
DB 628 AGGACCCACTTTCACATTAAAGTGTGTTTCTTAATCCGATATGATCAATTCAAGCCGA 569

OY 69 ataagaagctgctgcgcacctgtgtatcaataatcgatagctgttcgtataatg 128
    |||||||
DB 568 ATAAGAAGCTGCTGCACCTTGCGATCAATAATATGATAGTGTTCGTAAATG 509

OY 129 gcggcatalactacagtagtagtggttcccttcttctttagaggaacttgatccttgat 188
    |||||||
DB 508 GCGGCATATACATAGTAGTAGTGTTCCCTTCTCTTTAGCGACTTGATGCTTGAT 449

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QY 189 ctccaatacgcaacctaaagtaaaatgcccccagcgctgagtgatataaagcattc 248
Db 448 cttccatagcgcaactaaagtaaaatgcccccagcgctgagtgatataaagcattc 389
QY 249 cta--gaaaacctgttgccataaaagcctaattgatttcgagaagttcattactgt 306
Db 388 ctatgcaaaaacctgttgccataaaagcctaattgatttcgagaagttcattactgt 329
QY 307 ttctgtagcg-----tgactttgcccacatcgagatgactagttaaagac 356
Db 328 ttctgtagcgctgtacctaaatgtacttttgctccatcgagatgactagttaaagac 269
QY 357 atctaaaccttttagcgtattactgtaaaaaatcttgcagcgtttccctctaaagac 416
Db 268 atctaaaccttttagcgtattactgtaaaaaatcttgcagcgtttccctctaaagac 209
QY 417 aaaagtgagatgtgtgctatctaacatctcaatgagcgttcgaagcgaagccgcgt 476
Db 208 aaaagtgagatgtgtgctatctaacatctcaatgagcgttcgaagcgaagccgcgt 149
QY 477 tatttttaacatgccaatacaatgtaggtgtctctcaacctagctcttgagcgagttac 536
Db 148 tattttttacatgccaatacaatgtaggtgtctctcaacctagctcttgagcgagttac 89
QY 537 gggctgttaaaccttcgcattcgcacctcaatgaagcagctcattgcgctgtaacct 596
Db 88 gggctgttttaaaccttcgcattcgcacctcaatgaagcagctcattgcgctgtaacct 29
QY 597 tactttatctaatctaga 615
Db 28 tactttatctaatctaga 10

RESULT 13
US-09-489-777A-36/c
Sequence 36, Application US/09489777A
Patent No. 6271348
GENERAL INFORMATION:
APPLICANT: Bujard, Hermann
Gossen, Manfred
TITLE OF INVENTION: Tetracycline-Inducible Transcriptional
Inhibitor Fusion Proteins
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESS: LAHIVE & COCKFIELD
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/489,777A
FILING DATE: 24-Jan-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/162,184
FILING DATE: 28-SEP-1998
APPLICATION NUMBER: US 08/485,978
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/383,754
FILING DATE: 03-FEB-1995
APPLICATION NUMBER: US 08/275,876
FILING DATE: 15-JULY-1994
APPLICATION NUMBER: US 08/270,637
FILING DATE: 01-JULY-1994
APPLICATION NUMBER: US 08/260,452
FILING DATE: 14-JUNE-1994

APPLICATION NUMBER: US 08/076,327
FILING DATE: 14-JUNE-1993
APPLICATION NUMBER: US 08/076,726
FILING DATE: 14-JUNE-1993
ATTORNEY/AGENT INFORMATION:
NAME: DeConti, Giulio A. Jr.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: BBI-009C6CNDV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 652 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-489-777A-36

Query Match 93.0%; Score 571.8; DB 4; Length 652;
Best Local Similarity 97.7%; Pred. No. 2.9e-174;
Matches 605; Conservative 0; Mismatches 2; Indels 12; Gaps 2

QY 9 aagaccacattcacattaaagttgtttcttaacgcgataatgaatcaatcaagccga 68
Db 628 aagaccacattcacattaaagttgtttcttaacgcgataatgaatcaatcaagccga 569
QY 69 ataagaagctgtgctgcaccttgatgaataaataatgcataagcttgcataatg 128
Db 568 ataagaagctgtgctgcaccttgatgaataaataatgcataagcttgcataatg 509
QY 129 gcggcatactacagtagtaggtgttcccttctcttcaagcagcttgatgctctgat 188
Db 508 gcggcatactacagtagtaggtgttcccttctcttcaagcagcttgatgctctgat 449
QY 189 ctccaatacgcaacctaaagtaaaatgcccacagcgctgagtgacataatgacctc 248
Db 448 ctccaatacgcaacctaaagtaaaatgcccacagcgctgagtgacataatgacctc 389
QY 249 cta--gaaaacctgttgccataaaagcctaattgatttcgagaagttcattactgt 306
Db 388 ctatgcaaaaacctgttgccataaaagcctaattgatttcgagaagttcattactgt 329
QY 307 ttctgtagcg-----tgactttgcccacatcgagatgactagttaaagac 356
Db 328 ttctgtagcgctgtacctaaatgtacttttgctccatcgagatgactagttaaagac 269
QY 357 atctaaaccttttagcgtattactgtaaaaaatcttgcagcgtttccctctaaagac 416
Db 268 atctaaaccttttagcgtattactgtaaaaaatcttgcagcgtttccctctaaagac 209
QY 417 aaaagtgagatgtgtgctatctaacatctcaatgagcgttcgaagcgaagccgcgt 476
Db 208 aaaagtgagatgtgtgctatctaacatctcaatgagcgttcgaagcgaagccgcgt 149
QY 477 tatttttaacatgccaatacaatgtaggtgtctctcaacctagctcttgagcgagttac 536
Db 148 tattttttacatgccaatacaatgtaggtgtctctcaacctagctcttgagcgagttac 89
QY 537 gggctgttaaaccttcgcattcgcacctcaatgaagcagctcattgcgctgtaacct 596
Db 88 gggctgttttaaaccttcgcattcgcacctcaatgaagcagctcattgcgctgtaacct 29
QY 597 tactttatctaatctaga 615
Db 28 tactttatctaatctaga 10

RESULT 14
US-08-485-971-16/c

Sequence 16, Application US/08485971
Patent No. 5589362
GENERAL INFORMATION:
APPLICANT: Bujard, Hermann
APPLICANT: Gossen, Manfred
APPLICANT: Hillen, Wolfgang
APPLICANT: Heibl, Vera
APPLICANT: Schnappinger, Dirk
TITLE OF INVENTION: Tetraacycline-Regulated Transcriptional
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, Suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,971
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/383,754
FILING DATE: 03-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/270,637
FILING DATE: 01-JULY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/260,452
FILING DATE: 14-JUNE-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/076,327
FILING DATE: 14-JUNE-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/076,726
FILING DATE: 14-JUNE-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: DeConti, Giulio A. Jr.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: BBI-009CP7
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 621 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-485-971-16
Query Match 92.9%; Score 571.4; DB 1; Length 621;
Best Local Similarity 97.9%; Pred. No. 3,8e-174;
Matches 604; Conservative 0; Mismatches 1; Indels 12; Gaps 2;

Db 560 AAGAAGCTGGCTCTGCACCTTGGTGATCAAAATTAATTCATAGCTTCTGTAATATGCC 501
Oy 131 ggcatactatcagtagtaggtgtttcccttcttcttcttaagcacttgatcttga 190
Db 500 GGCACTACTATCAGTAGTAGGTGTTCCCTTTCTTCTTAGGACTTATGCTTGATCT 441
Oy 191 tccaatacgcaaccataaagtaaaatgccccacagcgctgtagcataataatgactctc 250
Db 440 TCCAAATACGCACTAAAGTAATAATGCCCCACAGCGCTGAGTGATTAATGATTCCT 381
Oy 251 a--gaaaacctgtgtgcatataaagcctaattgalttggagaagttcatactgtttc 308
Db 380 AGTGAAAACCTTGTGTGCAATAAAAAGCTTAATTGATTTGAGAGTTTCACTACTGTTTT 321
Oy 309 tctgtagcgg-----tgactttgtcttcacatcgagtagtagtaagcaat 358
Db 320 TCTGTAGCGCGTGACTTAATTAATCTTTGCTCATGCGCATGACTTAGTAAGCAAT 261
Oy 359 ctaaacctttagcgttattacgtaaaaaatcttgccagcttccctcttaaggcaca 418
Db 260 CTAAACTTTTAGCCTTATTATGTAATAAAATCTTGCCAGCTTCCCTTTAAAGGCCAA 201
Oy 419 aagtgatagtggtccatactaatcctcaatgagcgtcgaagcgaagccgctta 478
Db 200 AAGTAGATAGTGCCTATCTAATCATCTCAATGCTAAGCGCTGAGCAAGCCGCTTA 141
Oy 479 tttttacatgccaatcaatgtaggctgtctacacttagcttcggggaagttacgg 538
Db 140 TTTTTCATGCGCAATCAATGATGAGGCTGTACACCTTCTTGCGGCAAGTTACGG 81
Oy 539 gtlttaaaccttcgattccgaaccttaaaagcgtcctaagtcgtgtaataactta 598
Db 80 GTTGTTAACTTTCGATTCCGACCTCATTAAGCAGCTTATGCGCTGTATATCACTTA 21
Oy 599 cttatcctaactcaga 615
Db 20 CTTTATCTAATCTAGA 4
RESULT 15
US-08-383-754-16/C
Sequence 16, Application US/08383754
Patent No. 5789156
GENERAL INFORMATION:
APPLICANT: Bujard, Hermann
APPLICANT: Gossen, Manfred
TITLE OF INVENTION: Tetraacycline-Regulated Transcriptional
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, Suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/383,754
FILING DATE:
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/275,876
FILING DATE: 15-JULY-94
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/270,637
FILING DATE: 01-JULY-94
CLASSIFICATION: 436

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/260,452
FILING DATE: 14-JUNE-94
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/076,327
FILING DATE: 14-JUNE-93
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/076,726
FILING DATE: 14-JUNE-93
CLASSIFICATION: 436
ATTORNEY/AGENT INFORMATION:
NAME: DeConti, Giulio A. Jr.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: BFI-009CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 621 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-383-754-16

Query Match 92.9%; Score 571.4; DB 1; Length 621;
Best Local Similarity 97.9%; Pred. No. 3.8e-174;
Matches 604; Conservative 0; Mismatches 1; Indels 12; Gaps 2;

QY 11 gaccacattcacatttaagttgttttctaaaccgacatgaatcaatcaagccgaat 70
DB 620 GACCCACTTTCACATTAGTGTGTTTCTAATCCGATATGATCAATCAAGCCGAAT 561
QY 71 aagaaggctgctcgtgacctggtgataaataatcgatagctgtcgttaataatgac 130
DB 560 AAGAAGGCTGCTCTGACCTGTGACCTGTGATCAATAATCGATAGCTTGTGTAATGCG 501
QY 131 ggcatactacagtagtagtgttcccttcttcttcttcttcttcttcttcttcttctt 190
DB 500 GGCATACATCATAGTAGTAGTGTGTTCCCTTCTTCTTGTAGCAGCTTGATGCTTGATCT 441
QY 191 tccaatacgcaacctaaagtaaatgccccacagcgtgagtgacataataatgacatctct 250
DB 440 TCCAAATACGCAACCTAAAGTAAATGCCACAGCGGTGAGTGAATGAATGATGCTCTCT 381
QY 251 a--gaaaacctgtgtgcatataaaggctaatgtatcttgcagaagttcacaactgttct 308
DB 380 ACGTGAACACCTGTTGGCATTAAGGCTAATGATTTTCAGAGTTTCATACATGCTTTT 321
QY 309 tctgtaggccg-----tgaactttgtctcatcgagctgagcttgaagcaagcacat 358
DB 320 TCTGTAGGCCGTGACCTAAATGTACTTTTGTCTCCATCGCATGACTAGTAAACACAT 261
QY 359 ctaaaccttttagcgttaacgttaaaaaaatcttgcagcgttcccttcttaaaagggcaa 418
DB 260 CTAACACTTTTAGCCTTATTAGTAAATAATCTTCCAGCTTCCCTTTCTAAAGGCAA 201
QY 419 aagtagaigtagtgccttctaacatctcaatggtgtaaggcgtcgagcaagcccgctta 478
DB 200 AAGTAGTAGTGTGCTCTATCTACATCTCAATGCTAAGGCTGAGGCAAGCCCGCTTA 141
QY 479 tttttacatgccaalacaatgtagcgtcgtcctacacctaagcttcttggcgagtttaagc 538
DB 140 TTTTACATGCAATACATAGTAGTGTGCTCTACACCTAGCTTGTGGCAGATTACGG 81
QY 539 gttgttaaccttgatcgcgaacctcaatgaagcagcttaatgagctgttaacacattta 598
DB 80 GTTGTAAACCTTGATTCGACCGCATTAAGCAGGCTTAATGCGCTGTAACTACTTTA 21

QY 599 cttatctaactaga 615
DB 20 CTTTATCTAATCTAGA 4

Search completed: March 8, 2002, 13:16:41
Job time: 4583 sec